

## PATENT DRAWING REVIEW

Under USPTO Standards 37 CFR 1.84 and 1.152

The drawings, filed on 12/20/2001, are not compliance with the following Rules:

**1. DRAWINGS. 1.84(a).**

- ☐ Color drawings are not acceptable until petition is granted. Fig(s).
- ☐ Three sets of color drawings are required. Fig(s).
- ☐ Pencil, non-black ink are not permitted. Fig(s).

**2. PHOTOGRAPHS. 1.84(b).**

- ☐ Poor quality photos. Fig(s).

**3. TYPE OF PAPER. 1.84(e).**

- ☐ Paper not flexible, strong, white, and durable. Fig(s).
- ☐ Erasures, alterations, over writings, interlineations, folds, copy machine marks not accepted. Fig(s).

**4. SIZE OF PAPER. 1.84(f). Acceptable paper sizes:**

- 21.0cm x 29.7cm (A4 International Standard Size)
- 21.6cm x 27.9cm (US Letter size, 8.5" x 11")
- ☐ All drawing sheets are not the same size. Sheet(s)
- ☐ Paper size not acceptable. Fig(s).

**5. MARGINS. 1.84(g). Acceptable margins :**

- Top 2.5cm – Left 2.5cm – Right 1.5cm – Bottom 1cm
- ☒ Margins not acceptable. Fig(s). 35, 43, 46, 48.

☐ Top ☒ Left ☐ Right ☐ Bottom

**6. VIEWS. 1.84(h).**

- REMINDER: Specification may need to be revised in correspondence with the drawing changes.
- ☐ Views not labeled separately or properly. Fig(s).

**7. SECTIONAL VIEWS. 1.84(h)(3).**

- ☐ Sectional designation should be in Arabic or Roman number. Fig(s).

**8. ARRANGEMENT OF VIEWS. 1.84(i).**

- ☐ Different figures must be clearly separated. Fig(s).

**9. SCALE. 1.84(k).**

- ☐ Scale not large enough, details not clear. Fig(s).

**10. CHARACTER OF LINES, NUMBERS, LETTERS. 1.84(l).**

- ☒ Lines, numbers, letters not uniform, clean, and well defined, (poor quality). Fig(s). 1 - 48.

**11. SHADING. 1.84(m).**

- ☒ Solid black shading not permitted. Fig(s). 27 - 30, 33 - 38, 43 - 47.

**12. REFERENCE CHARACTERS: NUMBERS, LETTERS. 1.84(p).**

- ☐ Characters not plain, legible. Fig(s).
- ☐ Characters not oriented in the same direction as the view. Fig(s).
- ☐ English required. Fig(s).
- ☐ Characters must be at least .32cm (1/8") height. Fig(s).

**13. LEAD LINES. 1.84(q).**

- ☐ Crossed lead lines not allowed. Fig(s).
- ☐ Missing lead lines. Fig(s).

**14. PAGE NUMBERING. 1.84(t).**

- ☐ Drawing sheets not properly numbered. Fig(s).

**15. VIEW NUMBERING. 1.84(u).**

- ☐ View not numbered consecutively, in Arabic numbers, begin with number 1. Fig(s).

**16. DESIGN DRAWINGS. 1.152.**

- ☐ Surface shading not appropriate. Fig(s).
- ☐ Solid black shading not permitted. Fig(s).

**COMMENTS:**